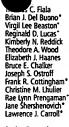




Judith U. Kim Timothy J. Shea, Jr. Patrick E. Garrett Jeffery T. Helvey-Heidi L. Kraus Cystal D. Sayles Edward W. Yee Albert L. Ferro* Donald R. Banowit Peter A. Jackman Molly A. McCall Teresa U. Medler Jeffrey S. Weaver Kendrick P. Patterson Vincent L. Capuano Albert J. Fasulo II* Eldora Ellison Floyd W. Russell Swindell



Senior Counsel Samuel L. Fox Kenneth C. Bass III Registered Patent Ager Karen R. Markowicz Andrea J. Kamage Nancy J. Leith Joseph M. Conrad III Ann E. Summerfield Helene C. Carlson Gaby L. Longsworth Matthew J. Dowd Aaron L. Schwartz Angelique G. Uy Bors A. Matvenko Mary B. Tung



* Admitted only in Virgii * Admitted only in Texas

February 28, 2002

WRITER'S DIRECT NUMBER: (202) 371-2587
INTERNET ADDRESS: PGARRETT@SKGF.COM

Commissioner for Patents Washington, D.C. 20231

Box Patent Application

Re:

U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)

Appl. No. To be Assigned; Filed: Herewith

Appl. 100. 10 be Assigned, 1 feet. Herewith

m: Method and System for Cache Coherence in DSM Multiprocessor

System without Growth of the Sharing Vector

Inventor:

DENEROFF, Martin M.

Our Ref:

1257.00

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

- 1. PTO Fee Transmittal (Form PTO/SB/17);
- 2. PTO Utility Patent Application Transmittal (Form PTO/SB/05);
- 3. U.S. Utility Patent Application entitled:

Method and System for Cache Coherence in DSM Multiprocessor System without Growth of the Sharing Vector

and naming as inventor:

DENEROFF, Martin M.

the application consisting of:

Sterne, Kessler, Goldstein & Fox PLIC: 1100 New York Avenue, NW: Washington, DC 20005: 202.371.2600 f 202.371.2540: www.skgf.com





Commissioner for Patents February 28, 2002 Page 2

- a. A specification containing:
 - i. <u>17</u> pages of description prior to the claims;
 - ii. <u>11</u> pages of claims (<u>41</u> claims);
 - iii. a one (1) page abstract;
- c. A facsimile copy of an original executed Declaration;
- d. An Application Data Sheet (37 C.F.R. § 1.76);
- 4. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3);
- 5. Recordation Form Cover Sheet;
- 6. A facsimile copy of an original executed Assignment to <u>Silicon Graphics</u>, <u>Inc.</u>, recordation of which is hereby respectfully requested;
- 7. Three (3) return postcards; and
- 8. Our check No. 34362 for \$ 1578.00 to cover:
 - \$ 740.00 Filing fee for patent application;
 - \$ 40.00 Assignment recordation fee; and
 - \$ 798.00 Fee for excess claims.

The name of the assignee Silicon Graphics, Inc.

Correspondence should be sent to Customer Number 26111.

It is respectfully requested that, of the three attached postcards, two be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

Sterne, Kessler, Goldstein & Fox PLLC: 1100 New York Avenue, NW: Washington, DC 20005: 202.371.2600 f 202.371.2540: www.skgf.com



*

Commissioner for Patents February 28, 2002 Page 3

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Patrick E. Garrett
Attorney for Applicant
Registration No. 39,987

PEG/BAM/ayd Enclosures

P:\USERS\ADORR\1452\1452.373 Cover Letter SKGF Rev. 2/12/02 dcw

PTO

PTO/SB/05 (03-01)

of for use through 10/31/2002. OMB 0651-0032 Office: U.S. DEPARTMENT OF COMMERCE. Patent and Trade

UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR § 1.53(b))

Attorney	Docket No.	1257.00 Martin M. Deneroff				
First Inv	ventor					
Title		System for Cache Coherence in DSM sor System without Growth of the Sharing				
Frances	Mail Label No.					

	APPLICATION ELEMENT See MPEP chapter 600 concerning utility patent applica	-	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231					
2. 3. If we will have the large the S. the way with here the war.	See MPEP chapter 600 concerning utility patent applications. See Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing the season of the processing season of the season of th	Tom contents. 29 10 20 11 20 11 20 11 20 21 21		02/28/02				
Other: The name of the assignee is: Silicon Graphics, Inc. Other: The name of the assignee is: Silicon Graphics, Inc.								
C	Attorneys at Law ADDRESS CITY COUNTRY	STATE TELEPHONE	ZIP CODE FAX					
N	NAME (Print/Type) Patrick E. Garpett Registration No. (Attorney/Agent) 39,987 SIGNATURE Date 2/28/02							



FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$)1578.00

Complete if Known				
Application Number	To be Assigned			
Filing Date	Herewith			
First Named Inventor	Martin M. Deneroff			
Examiner Name	To be Assigned			
Group Art Unit	To be Assigned			
Attorney Docket No.	1257.00 (1452.373000/PEG/BAM)			

METHOD OF PAYMENT (check one)			FEE CALCULATION (continued)						
1. The Commissioner is hereby authorize indicated fees and credit any overpayme	d to charge nt to:	3. ADDI' Large			Entity				
Deposit Account Number 19-0036		Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee D	escription	Fee paid	
Deposit Account Name Sterne, Kessler, Goldstein & Fo	OX P.L.L.C.	105	130	205	65	Surcharge - late filing f	ee or oath	·	
		127	50	227	25	Surcharge - late provisiona	I filing fee or cover sheet	t	
Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17 Applicant claims small entity status See 37 CFR 1.27		139	130	139	130	Non-English specifi	cation		
		147	2,520	147	2,520	For filing a request fo	r <i>ex parte</i> reexamin	ation	
		112	920*	112	920*	Requesting publication of action	of SIR prior to Examine	or I	
2. Payment Enclosed:	•	113	1,840*	113	1,840*	Requesting publication of	of SIR after Examiner a	action	
Check Credit card Money Order Other* *Chiarge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.		115	110	215	55	Extension for reply w	ithin first month		
FEE CALCULATION		116	400	216	200	Extension for reply w	ithin second month		
1. BASIC FILING FEE		117	920	217	460	Extension for reply w	ithin third month		
Large Entity Small Entity		118	1,440	218	720	Extension for reply w	ithin fourth month		
Fee Fee Fee Fee Description F	ee Paid	128	1,960	228	980	Extension for reply w	ithin fifth month		
101 740 201 370 Utility filing fee	740.00	119	320	219	160	Notice of Appeal			
106 330 206 165 Design filing fee		120	320	220	160	Filing a brief in suppo	rt of an appeal		
101 740 201 370 Utility filing fee 100 330 206 165 Design filing fee 107 510 207 255 Plant filing fee 108 740 208 370 Reissue filing fee		121	280	221	140	Request for oral hear	ing		
108 740 208 370 Reissue filing fee		138	1,510	138	1,510	Petition to institute a	public use proceedi	ng	
114 160 214 80 Provisional filing fee		140	110	240	55	Petition to revive - un			
		141	1,280	241	640	Petition to revive - un			
SUBTOTAL (1) (\$) 740.00	•	142	1,280	242	640	Utility issue fee (or re	issue)		
		143	460 620	243 244	230 310	Design issue fee Plant issue fee			
		144 122	130	122	130	Petitions to the Comr	nissioner		
2. EXTRA CLAIM FEES Fee from Extra below	Fee Paid	123	130	123	130	Petitions related to pr			
Total Claims 41 - 20** = 21 X 18	= 378.00	126	180	126	180	Submission of Inform	ation Disclosure Str	mt	
Indep. Claims <u>8</u> - 3** = <u>5</u> X <u>84</u> =		581	40	481	40	Recording each pater property (times numb		40.00	
Multiple Dependent 0	=	146	740	246	370	Filing a submission a (37 CFR 1.129(a))			
Large Entity Small Entity Fee Fee Fee Fee Fee Description		149	740	249	370	For each additional in (37 CFR 1.129(b))		ined	
Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20		179	740	279	370	Request for Continue	d Examination (RCI	E)	
102 84 202 42 Independent claims in ex		169	900	169	900	Request for expedited application	d examination of a c	design	
104 280 204 140 Multiple dependent claim 108 84 209 42 **Reissue independent c		Other fee	(specify):			арриозио		-	
patent 110 18 210 9 "Reissue claims in exce original patent		Other fee	(specify) :						
SUBTOTAL (2) (\$) 798.00			*Reduced by Basic Filing Fee Paid						
** or number previously paid, if greater; For Reissues, see					SUBTOTAL				
SUBMITTED BY							Complete (if app	licable)	
Name (Print/Type) Patrick E Garrett			Registration No. (Attorney/Agent)			39,987	Telephone	202-371-2600	
Signature	Jarrett						Date	2/28/02	



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Martin M. DENEROFF

Appl. No. To be Assigned

Filed: Herewith

For: Method and System for Cache

Coherence in DSM

Multiprocessor System without Growth of the Sharing Vector

Confirmation No. To be Assigned

Art Unit: To be Assigned

Examiner: To be Assigned

Atty. Docket: 1257.00

Authorization To Treat A Reply As Incorporating An Extension Of Time Under 37 C.F.R. § 1.136(a)(3)

Commissioner for Patents Washington, D.C. 20231

Sir:

The U.S. Patent and Trademark Office is hereby authorized to treat any concurrent or future reply that requires a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. The U.S. Patent and Trademark Office is hereby authorized to charge all required extension of time fees to our Deposit Account No. 19-0036, if such fees are not otherwise provided for in such reply.

Respectfully submitted,

Sterne, Kessler, Goldstein & Fox p.l.l.c.

Patrick E. Garrett

Attorney for Applicant Registration No. 39,987

Date: 2/28/02

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